

Hosted in Idaho Falls, ID Near Yellowstone & Grand Teton Parks

ISRCS 2010

3rd International Symposium on Resilient Control Systems

August 10-12, 2010

The major purpose of this symposium is to extend and endorse particular concepts that will generate novel research and codify resilience in next generation control system designs.

Special/Invited Session Announcement & Call for Papers

Session S/I-05: Formally Modeling the Human Element and Its Impact on Control Systems Resiliency

Session Abstract: The focus of this session is on modeling the human element found within many complex control systems. In particular, we are interested in how to formally model humans as necessary to address resilience. Topics for discussion includes hybrid modeling approaches and mixed-initiative complex systems. Game-theoretic approaches, information assurance (misinformation, deception, etc.) as it affects the human element, and information reliability and impact on the system due to the human are more specific foci. Elements of networked mixed human-machine control systems are also potential directions of discussion

Topics: Formal Models of Human Behavior, Human-Embedded Control Systems, Game Theory, Deception, Decision-Making, Information Assurance, Resilient Complex Systems

Chairs:

- Eugene Santos, Jr., Dartmouth College, Eugene.Santos.Jr@dartmouth.edu
- Annarita Giani, University of California – Berkeley, agiani@eecs.berkeley.edu

Authors' Schedule:

- Paper submission deadline: ~~April 5, 2010~~ May 7, 2010 **Extended**
- Notification of acceptance: June 7, 2010

Submission of Papers:

Papers must be submitted electronically through the electronic submission system. For further details please consult the conference web pages for the paper template.

Contact Information

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